



SUBSTITUTE SPECIFICATION

Coupling Member with Integral Locking Tongues

BACKGROUND OF INVENTION

Field of the Invention

[0001] The present invention relates to a coupling part for use in a system for flowing fluid, comprising a male part to be sealingly mounted and retained in an adapted female part on another coupling part, the male and female parts being provided with at least one sealing element.

Background Art

[0002] In known solutions for locking systems for male and female parts, the locking element often comprises a separate ring. The ring may be placed on either the male or the female part, while the other part comprises a locking groove. The ring is compressed or expanded when the male part is inserted into the female part, before it slips into place in the locking groove.

[0003] E.g. in pneumatic brake pipe arrangements in large vehicles, coupling parts with nipples for the pipes are used, the coupling parts being provided with male parts for connecting these to openings in female parts on another coupling part in a sealing manner. The nipples may have external circumferential grooves, onto which the pipes are pressed and retained in a sealing manner. Opposite of the nipples the coupling parts may have a male part with sealing elements and locking rings which are to retain the coupling parts in female parts having an internal groove for a locking ring. A common type of locking ring is a split ring, possibly with a chamfered external edge in order to facilitate insertion into the female part. As sealing elements are commonly used O-rings, which may be extended in order to be pulled onto the male parts and placed in the ring grooves